

LINEAR TURF AERATION APPARATUS

ABSTRACT OF THE DISCLOSURE

[0046] A linear aeration apparatus is operable to form parallel linear aeration trenches into the surface of the ground. Aeration of highly compacted turf areas can be accomplished by first spreading a top dressing material over the surface of the field and then forming linear aeration trenches into the surface of the ground mixing the soil removed from the trenches with the top dressing material. A reciprocating finishing apparatus brushes the mixed soil back into the aeration trenches to stabilize the surface of the ground. A rotary member has radially projecting blades that, upon rotation, form the continuous linear trenches defining unstable islands of earth therebetween. The finishing device includes rearwardly projecting fingers that reciprocate transversely to brush the mixed soil and top dressing material back into the formed aeration trenches to stabilize the islands of earth.